

The diagram illustrates the internal wiring of a radio receiver, divided into two main sections: (CT1) and (CT2).

(CT1) Connector and Transformer:

A 10-pin connector is shown with pins 1 through 10. The connections are as follows:

- PIN 1: S1001 CH▲
- PIN 2: S1002 CH▼
- PIN 3: S1005
- PIN 4: S1003 VOL▲
- PIN 5: S1004 VOL▼
- PIN 6: S1014 TV/AV
- PIN 7: S1006 ANA▲
- PIN 8: S1007 ANA▼
- PIN 9: S1008 FT▲
- PIN 10: S1009 FT▼

The transformer has the following taps:

- S1012 AFT
- S1013 ANASEL
- S1010 PRESET
- S1011 AS

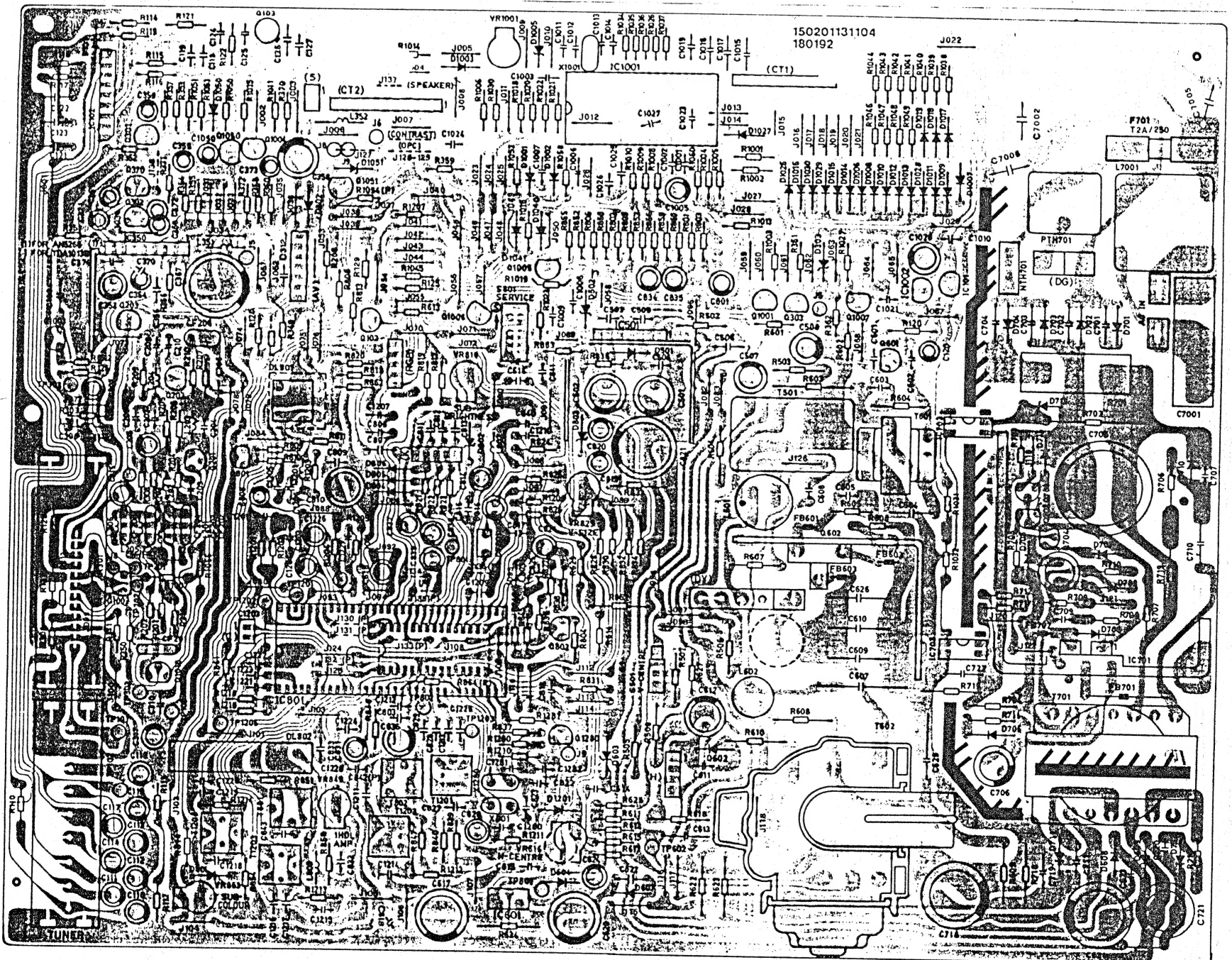
(CT2) Internal Circuitry:

The internal circuitry includes the following components and connections:

- POWER ON:** A switch connected to a 100V AC source.
- R1079:** 330 ohm resistor.
- C1072:** 0.01F capacitor.
- L352:** 15uH inductor.
- R1074:** 18K resistor.
- VR1073:** 10K potentiometer labeled SHARPNESS.
- R1072:** 3K9 resistor.
- PHONE JACK:** A 100 ohm resistor (R1076) connected to the jack.
- 1R PREAMP:** A 1 ohm resistor connected to the preamp.
- C1071:** 0.01F capacitor.
- D1071:** A diode symbol.

Legend:

The symbol for a transformer tap is shown as a circle with a diagonal line through it, labeled with a number (e.g., 10).



(A)

Pin	Function
1	S1001 CH▲
2	S1002 CH▼
3	S1003 VOL▲
4	S1004 VOL▼
5	S1005
6	S1006 ANA▲
7	S1007 ANA▼
8	S1008 FT▲
9	S1009 FT▼
10	S1010 PRESET
	S1011 AS
	S1012 AFT
	S1013 ANASEL

(B)

POWER ON

R1079 330

R1070 22K

R1071 47

R1072 27K

R1073 10K

R1074 27K

R1076 100

C1070 0.01

C1072 0.01

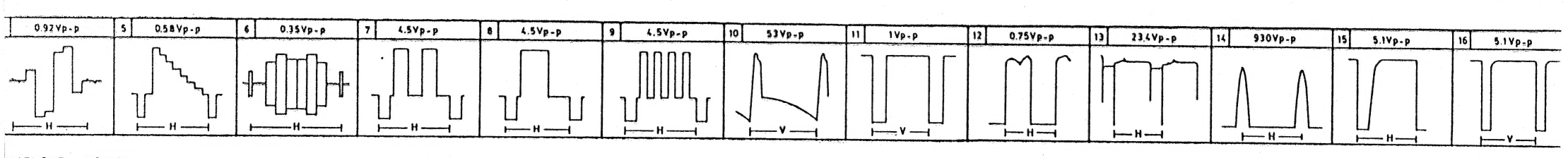
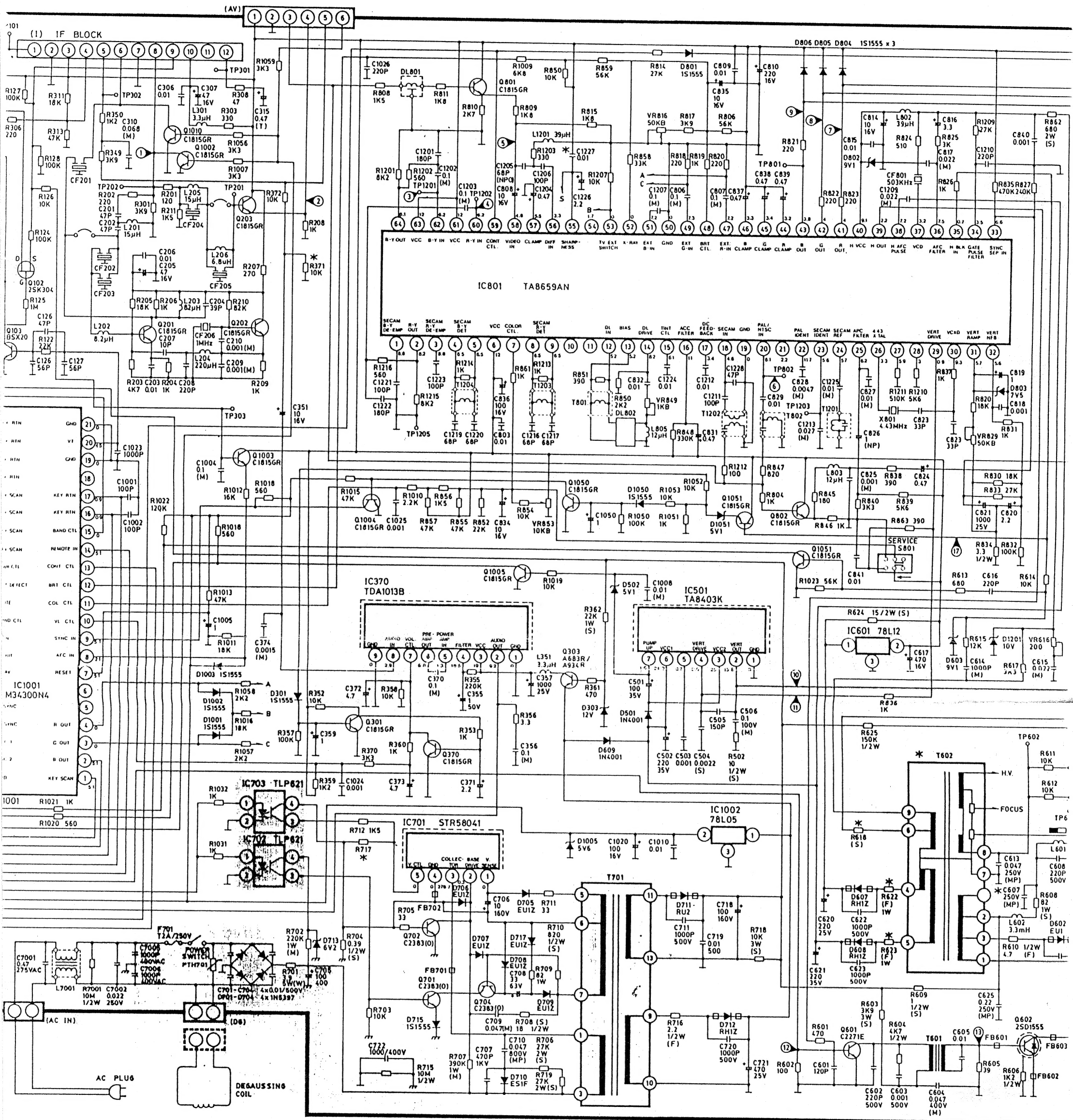
VR1073

1R PREAMP

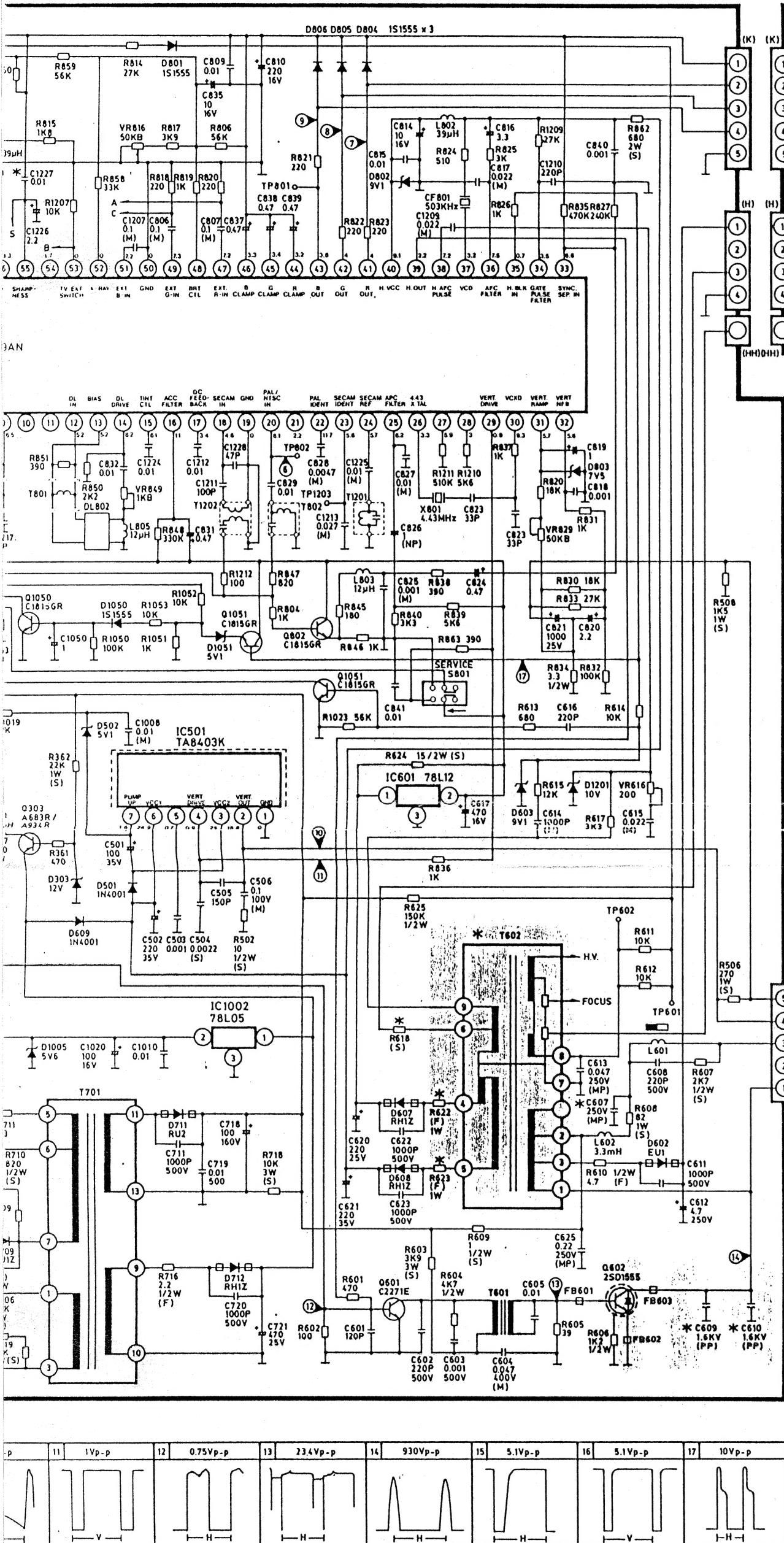
1	1.8 Vp-p	2	1.75 Vp-p	3	0.65 Vp-p	4	0.92 Vp-p	5	0.58 Vp-p	6	0.35 Vp-p

THIS CIRCUIT DIAGRAM IS SUBJECT TO CHANGE WITHOUT NOTICED

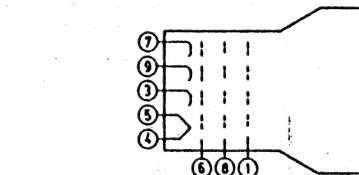
80MB, 5180MK, 5382MB, 5382MK



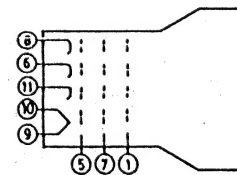
CRT BOARD



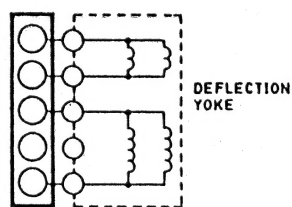
- NOTE :-
- 1) ALL CAPACITORS ARE IN $\mu F/50V$ UNLESS OTHERWISE NOTED
 - 2) CAPACITORS NOT SPECIFICALLY DESIGNATED ARE CERAMIC CAPACITORS
 -E- ELECTROLYTIC CAP.
 -M- MYLER CAP.
 -TA- TANTALUM CAP.
 -MP- METALIZED POLYPROPYLENE CAP.
 -PP- POLYPROPYLENE CAP.
 - 3) ALL RESISTORS ARE CARBON FILM IN OHM 1/4W UNLESS OTHERWISE NOTED
 -F- FUSING RESISTOR
 -S- METAL OXIDE RESISTOR
 -W- WIRE WOUND RESISTOR
 -C- CARBON COMPOSITION RESISTOR
 - 4) ACCORDING TO THE TYPE OF CRT, THE PIN ASSIGNMENTS ARE AS FOLLOW
 ① FOR CRT A51JAR90X09
 A48JAN90X05(VW)



② FOR CRT 51GGB95XTC



- 5) COMPONENTS IN SHADED AREA ARE IMPORTANT PARTS ON SAFETY. WHEN REPLACE ANY OF THESE COMPONENTS, USE ONLY MANUFACTURERS SPECIFIED PARTS
- 6) COMPONENTS IN DOTTED LINE AREA ARE FOR B/G/D/K ONLY



COMPONENTS MARKED WITH "*" REFER TO THE FOLLOWING TABLE
 SUBSTITUTION TABLE :-
 APPLICABLE ACCORDING TO TYPE OF CRT

	20"				21"	
CRT	A48JAN90X05(VW)	A48KMX12XX39 51GGB95X-TC	A51JAR90X09			
FBI	KFS-60371B	BSC-0371B	KFS-60455C	BSC-0455B	KFS-60581B	BSC-0581B
C607	0.47	0.47	0.47	0.47	0.39	0.39
C609	3300P	3900P	4700P	4700P	4700P	4700P
C610	4700P	4700P	3900P	3900P	4700P	3300P
C1227	0.01	0.01	0.01	0.01	0.01	0.01
R371	10K	10K	10K	10K	10K	10K
R618	3.3 1W	3.3 1W	1.5 2W	1.5 2W	4.7 1W	3.3 1W
R622	2.2	1	2.2	1	1	2.2
R623	1	1	3.3	3.3	1	1
R717	47K	47K	100K	100K	27K	27K

DRAWING NO. : MB / MK 2001